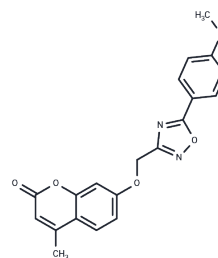


hCAIX/XII-IN-4

Chemical Properties

CAS No. : 1119200-33-7
 Formula: C₂₀H₁₆N₂O₅
 Molecular Weight: 364.35
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|--|
| Description | hCAIX/XII-IN-4 (compound 6c) is a highly potent inhibitor of CAIX/XII, exhibiting Ki values of 4.5 nM for CAXII, 23.6 nM for CAIX, and >10000 nM for both CAI and CA II, respectively [1]. |
| Targets(IC50) | Others,Carbonic Anhydrase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.7446 mL | 13.7231 mL | 27.4461 mL |
| 5 mM | 0.5489 mL | 2.7446 mL | 5.4892 mL |
| 10 mM | 0.2745 mL | 1.3723 mL | 2.7446 mL |
| 50 mM | 0.0549 mL | 0.2745 mL | 0.5489 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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